Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: STREETWORKS

Report Number: P981110

Luminaire Tested: **FFX-CLB-90-730-U-FR-T5-UPLR**

Issue Date: 04/15/2025

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P981110
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-90-730-U-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13620.7 lumens
Efficiency:	N/A
Efficacy:	150.3 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U5 - G3

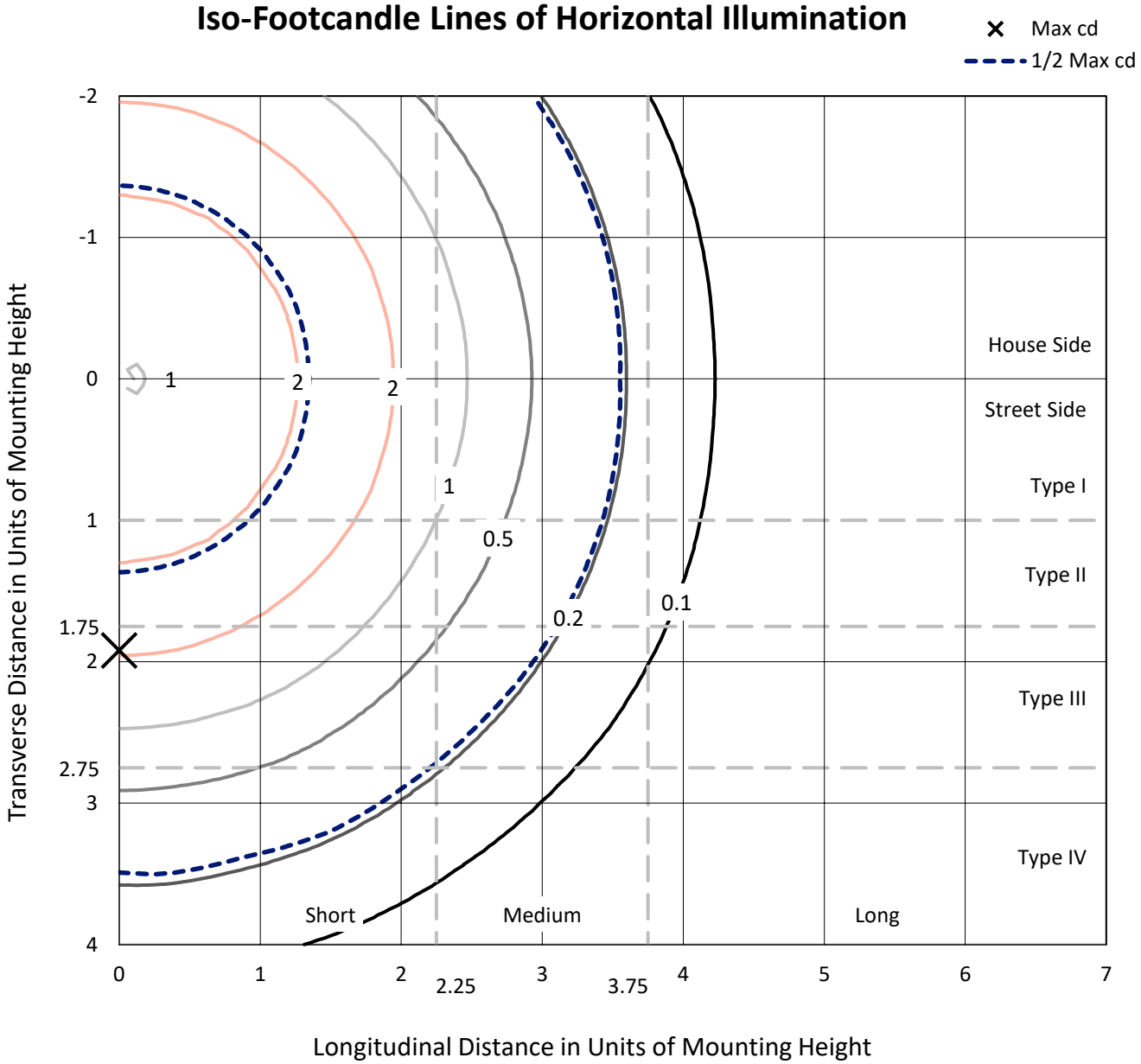
Input Watts (W):	90.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981110
CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



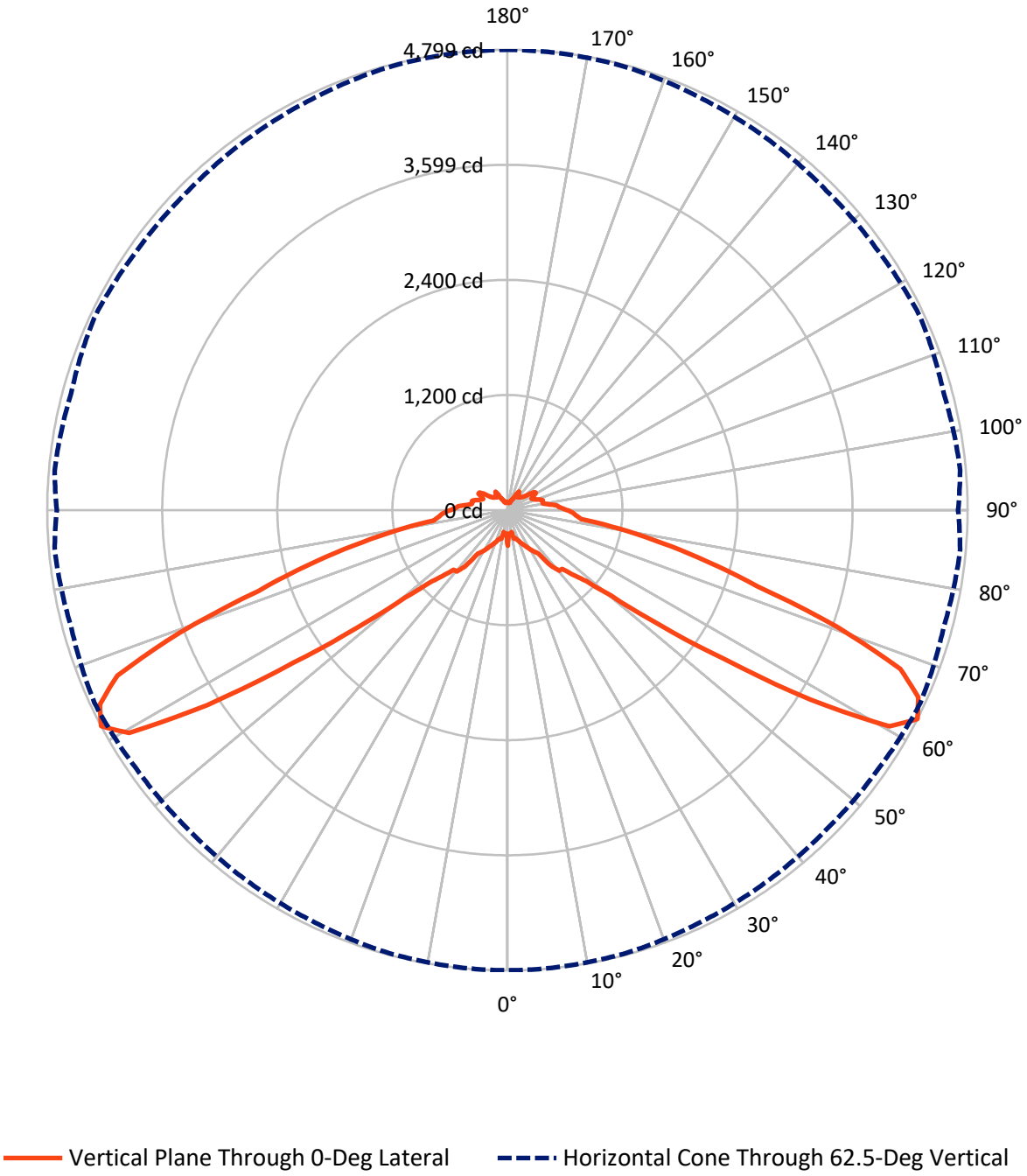
Based on 15 foot mounting height. Maximum calculated value = 2.6 fc
Type V - Short - N/A

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REPORT NUMBER: P981110
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Luminous Intensity Polar Plot



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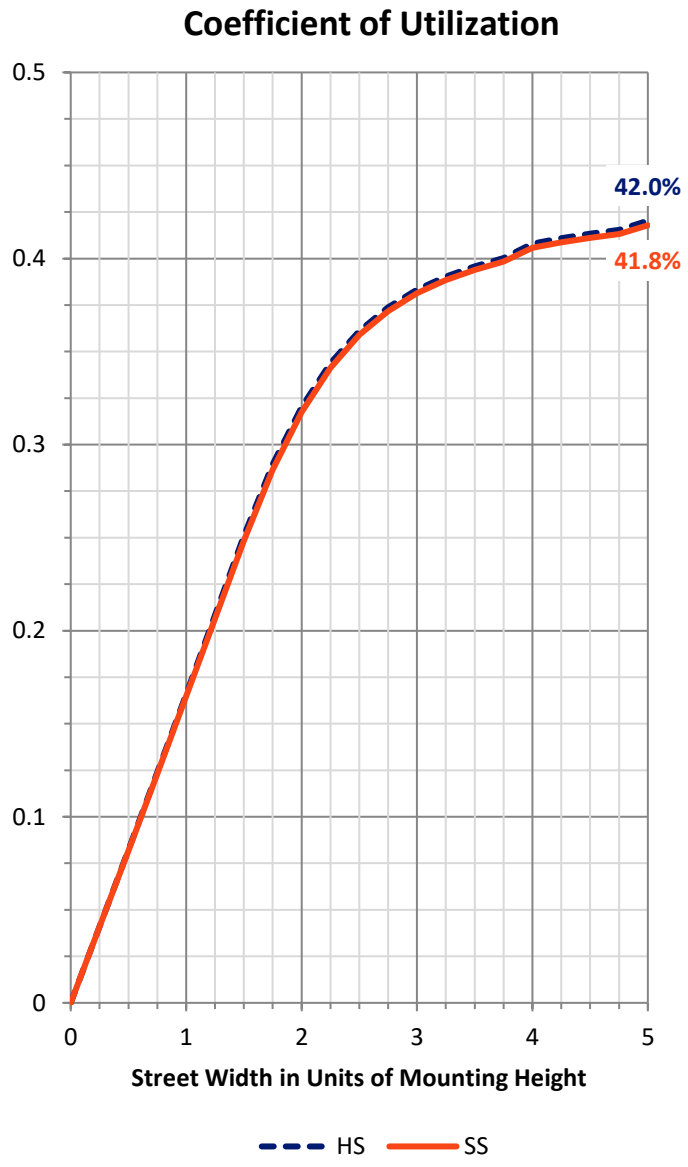
REPORT NUMBER: P981110
CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5928.3	882.0	6810.4
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	5928.3	882.0	6810.4
	% Fixture	43.5	6.5	50.0
Total	Lumens	11856.7	1764.1	13620.7
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.2	0.2
10°-20°	86.3	0.6
20°-30°	189.4	1.4
30°-40°	389.0	2.9
40°-50°	803.3	5.9
50°-60°	2623.6	19.3
60°-70°	4423.5	32.5
70°-80°	2407.8	17.7
80°-90°	910.6	6.7
90°-100°	553.5	4.1
100°-110°	349.2	2.6
110°-120°	265.6	1.9
120°-130°	227.0	1.7
130°-140°	152.6	1.1
140°-150°	125.6	0.9
150°-160°	59.3	0.4
160°-170°	23.5	0.2
170°-180°	7.7	0.1
0°-90°	11856.7	87.0
0°-180°	13620.7	100.0



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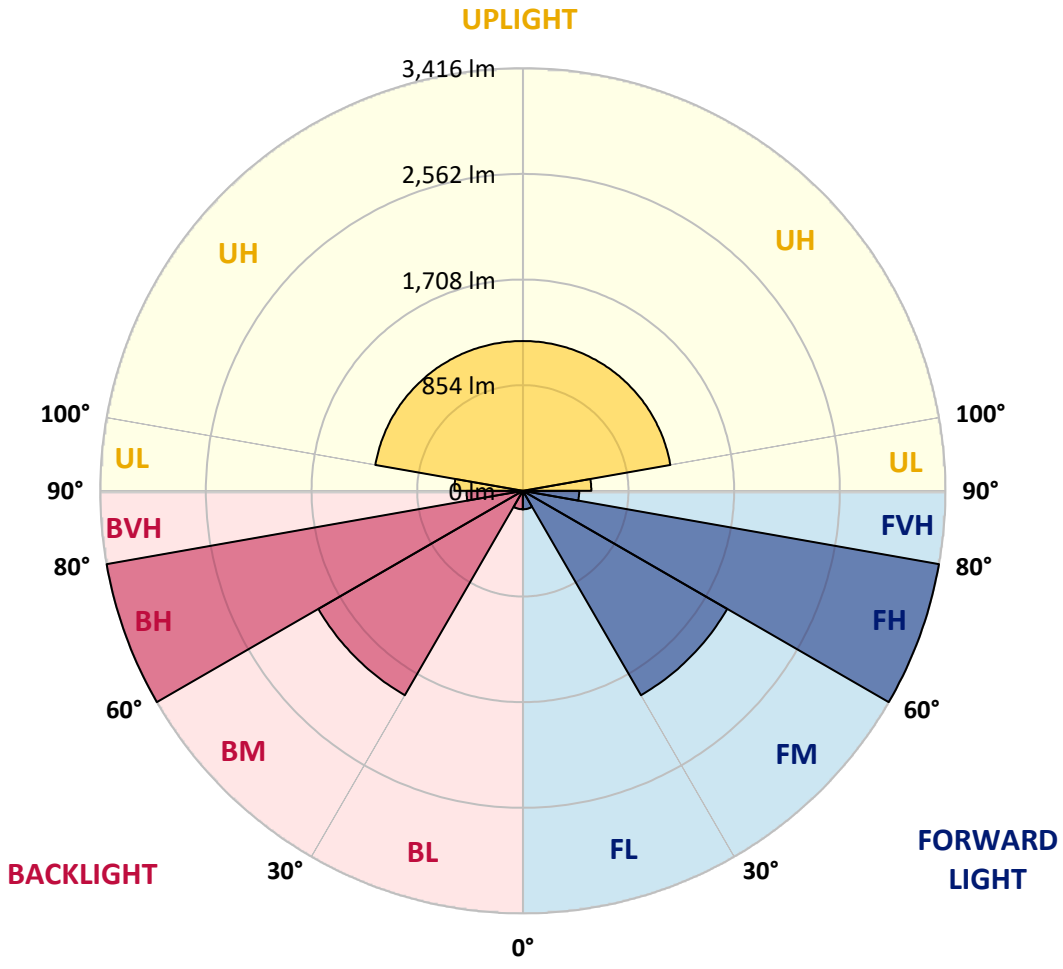
Scaled Data Report

REPORT NUMBER: P981110
CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5-UPLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	149.5	1.1			
FM	(30°-60°)	1907.9	14.0			
FH	(60°-80°)	3415.6	25.1			G2/5000
FVH	(80°-90°)	455.3	3.3			G3/500
BL	(0°-30°)	149.5	1.1	B1/500		
BM	(30°-60°)	1907.9	14.0	B2/2500		
BH	(60°-80°)	3415.6	25.1	B4/5000		G2/5000
BVH	(80°-90°)	455.3	3.3			G3/500
UL	(90°-100°)	553.5	4.1		U4/1000	
UH	(100°-180°)	1210.5	8.9		U5	

BUG Rating: B4-U5-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	370.9	370.9	370.9	370.9	370.9	370.9	370.9	370.9	370.9	370.9	370.9
2.5°	247.0	256.8	311.6	356.5	355.6	324.2	283.8	287.4	311.6	333.2	338.6
5°	248.8	245.2	242.5	231.7	228.1	233.5	229.9	219.1	214.6	215.5	232.6
7.5°	258.6	254.1	228.1	208.3	205.7	217.3	242.5	242.5	215.5	194.9	194.0
10°	232.6	231.7	240.7	249.7	252.3	241.6	230.8	225.4	223.6	221.8	220.0
12.5°	307.1	303.5	284.7	273.0	271.2	276.6	284.7	282.0	268.5	261.3	261.3
15°	305.3	307.1	309.8	305.3	304.4	305.3	309.8	307.1	302.6	297.3	297.3
17.5°	322.4	323.3	324.2	326.0	324.2	321.5	321.5	320.6	321.5	323.3	323.3
20°	348.4	349.3	349.3	349.3	348.4	343.1	343.1	343.9	343.1	344.8	343.9
22.5°	377.2	376.3	376.3	376.3	373.6	369.1	368.2	369.1	366.4	366.4	366.4
25°	405.0	406.8	409.5	408.6	404.1	400.5	397.8	398.7	396.9	396.9	396.9
27.5°	440.0	438.2	443.6	441.8	437.3	437.3	434.7	434.7	432.0	431.1	430.2
30°	479.6	478.7	478.7	479.6	477.8	476.0	476.0	474.2	469.7	470.6	472.4
32.5°	518.2	517.3	515.5	516.4	515.5	512.8	517.3	517.3	515.5	516.4	521.8
35°	555.9	561.3	573.8	582.8	585.5	584.6	588.2	594.5	590.0	587.3	590.0
37.5°	735.5	731.9	718.4	710.3	712.1	716.6	706.8	699.6	695.1	694.2	698.7
40°	829.8	826.2	806.4	808.2	794.8	799.3	803.7	810.0	805.5	795.7	795.7
42.5°	837.9	838.8	866.6	908.8	896.2	869.3	844.2	856.7	875.6	887.3	891.8
45°	961.8	973.5	973.5	976.2	977.1	978.0	960.0	968.1	983.4	1002.2	1001.3
47.5°	1104.6	1111.8	1116.3	1121.7	1119.0	1121.7	1145.0	1138.7	1155.8	1154.0	1152.2
50°	1403.6	1434.2	1439.6	1460.2	1447.6	1450.3	1493.4	1497.0	1497.0	1494.3	1497.9
52.5°	1991.9	2018.8	2014.3	1968.5	1991.0	2031.4	2078.1	2044.8	2092.4	2069.1	2058.3
55°	2739.0	2739.9	2769.6	2833.3	2863.0	2831.5	2856.7	2794.7	2898.9	2911.4	2880.0
57.5°	3730.5	3749.3	3755.6	3771.8	3748.4	3744.8	3762.8	3724.2	3772.7	3725.1	3743.9
60°	4578.2	4554.0	4484.8	4386.9	4397.7	4436.3	4506.4	4482.1	4448.0	4381.5	4366.3
62.5°	4799.1	4795.5	4781.2	4745.2	4723.7	4706.6	4715.6	4752.4	4709.3	4739.0	4699.4
65°	4708.4	4705.7	4719.2	4750.6	4727.3	4669.8	4619.5	4679.7	4652.7	4751.5	4722.8
67.5°	4418.4	4406.7	4393.2	4451.6	4414.8	4332.1	4295.3	4300.7	4284.5	4383.3	4354.6
70°	3644.2	3625.4	3650.5	3743.0	3690.0	3616.4	3574.2	3592.2	3596.6	3659.5	3669.4
72.5°	2730.9	2754.3	2779.4	2841.4	2828.8	2788.4	2811.8	2838.7	2864.7	2888.1	2878.2
75°	2161.6	2189.4	2139.1	2169.7	2158.9	2190.3	2211.9	2224.4	2221.8	2197.5	2186.7
77.5°	1643.4	1665.9	1654.2	1645.2	1653.3	1684.7	1753.0	1744.9	1706.3	1665.0	1673.0
80°	1181.8	1221.3	1225.8	1222.2	1239.3	1243.8	1301.3	1286.0	1254.6	1253.7	1262.6
82.5°	774.1	792.1	848.6	898.9	912.4	890.0	927.7	942.0	950.1	951.0	948.3
85°	716.6	736.4	722.9	749.9	756.1	762.4	768.7	774.1	783.1	791.2	794.8
87.5°	677.1	709.5	707.7	725.6	723.8	736.4	748.1	751.7	740.9	729.2	725.6
90°	605.3	631.3	641.2	652.0	657.4	655.6	665.4	665.4	658.3	652.9	651.1
92.5°	543.3	557.7	566.7	580.1	583.7	581.9	591.8	587.3	588.2	590.0	591.8
95°	513.7	520.0	517.3	522.7	515.5	509.2	512.8	507.4	504.7	500.2	500.2
97.5°	429.3	428.4	428.4	430.2	426.6	421.2	423.9	423.0	423.9	423.9	420.3
100°	376.3	375.4	370.0	369.1	368.2	366.4	363.7	364.6	364.6	363.7	364.6
102.5°	375.4	367.3	355.6	343.1	343.1	340.4	341.3	340.4	339.5	334.1	331.4
105°	382.6	370.0	350.2	325.1	321.5	322.4	325.1	324.2	320.6	315.2	311.6
107.5°	353.8	339.5	327.8	311.6	307.1	306.2	308.0	308.9	305.3	298.1	292.8
110°	313.4	308.0	302.6	296.4	291.9	291.0	291.0	291.0	287.4	284.7	278.4

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REPORT NUMBER: P981110
CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*295.5*	289.2	282.9	277.5	274.8	273.9	272.1	270.3	267.6	264.9	261.3
115°	*278.4*	278.4	273.9	254.1	249.7	248.8	247.9	247.9	247.9	247.9	247.0
117.5°	*301.7*	299.0	282.0	256.8	248.8	244.3	240.7	242.5	241.6	247.9	246.1
120°	*345.7*	326.0	289.2	271.2	264.0	260.4	261.3	262.2	261.3	259.5	255.9
122.5°	*342.2*	320.6	298.1	284.7	276.6	275.7	279.3	278.4	270.3	257.7	247.9
125°	*300.8*	289.2	275.7	263.1	258.6	256.8	258.6	255.9	250.6	244.3	234.4
127.5°	*233.5*	231.7	224.5	219.1	220.0	222.7	227.2	227.2	224.5	220.9	215.5
130°	*209.2*	207.4	208.3	210.1	209.2	209.2	204.8	201.2	207.4	212.8	210.1
132.5°	*193.1*	194.0	203.0	216.4	213.7	206.5	195.8	194.0	203.9	214.6	213.7
135°	*185.9*	186.8	194.0	207.4	203.9	194.9	190.4	191.3	196.7	202.1	201.2
137.5°	*185.9*	185.9	184.1	188.6	188.6	188.6	187.7	190.4	194.0	194.0	191.3
140°	*183.2*	185.0	179.6	180.5	183.2	185.9	186.8	190.4	191.3	190.4	186.8
142.5°	*167.9*	169.7	175.1	182.3	184.1	185.9	191.3	190.4	190.4	190.4	188.6
145°	*206.5*	206.5	211.0	217.3	214.6	211.0	212.8	213.7	215.5	217.3	215.5
147.5°	*228.1*	228.1	222.7	220.9	216.4	216.4	221.8	220.9	220.0	218.2	219.1
150°	*188.6*	187.7	183.2	181.4	181.4	179.6	182.3	182.3	179.6	177.8	178.7
152.5°	*134.7*	135.6	133.8	135.6	138.3	141.0	143.7	145.5	145.5	145.5	143.7
155°	*122.1*	120.3	119.4	121.2	122.1	121.2	119.4	119.4	119.4	117.6	116.7
157.5°	*106.0*	105.1	104.2	105.1	105.1	106.0	106.9	107.8	107.8	106.0	105.1
160°	*91.6*	91.6	91.6	92.5	92.5	91.6	90.7	91.6	93.4	93.4	93.4
162.5°	*82.6*	83.5	84.4	86.2	86.2	84.4	82.6	82.6	84.4	86.2	86.2
165°	*76.3*	76.3	78.1	81.7	82.6	79.9	77.2	77.2	79.9	83.5	84.4
167.5°	*76.3*	77.2	79.9	82.6	81.7	79.0	76.3	76.3	79.0	81.7	81.7
170°	*81.7*	81.7	80.8	79.9	79.0	79.0	79.0	79.9	80.8	79.9	79.9
172.5°	*86.2*	85.3	82.6	79.9	79.0	81.7	83.5	82.6	81.7	79.9	79.9
175°	*88.0*	87.1	85.3	83.5	83.5	85.3	86.2	84.4	82.6	81.7	80.8
177.5°	*79.0*	79.0	78.1	78.1	79.0	78.1	78.1	78.1	77.2	76.3	75.4
180°	*68.3*	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2501-332-4

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

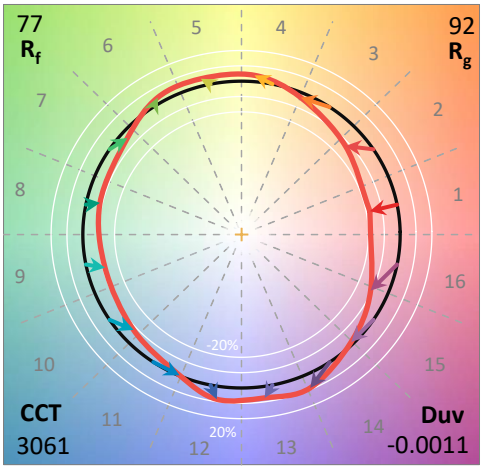
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-4
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	03/31/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Streetworks
Catalog Number:	**FFX-CLB-100-730-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3061	CRI (Ra):	71.7		
CIE u':	0.2489	R1:	67.8	R9:	-40.3
CIE v':	0.5187	R2:	85.0	R10:	67.2
Duv:	-0.0011	R3:	92.9	R11:	61.6
CIE x:	0.4312	R4:	66.0	R12:	59.9
CIE y:	0.3995	R5:	68.5	R13:	71.4
CIE z:	0.1693	R6:	80.2	R14:	96.3
Peak Wavelength (nm):	592	R7:	74.5	R15:	58.8
Dominant Wavelength (nm):	582	R8:	39.0		
Purity:	49.32381				

Rf:	76.8
Rg:	92.2



Test Conditions

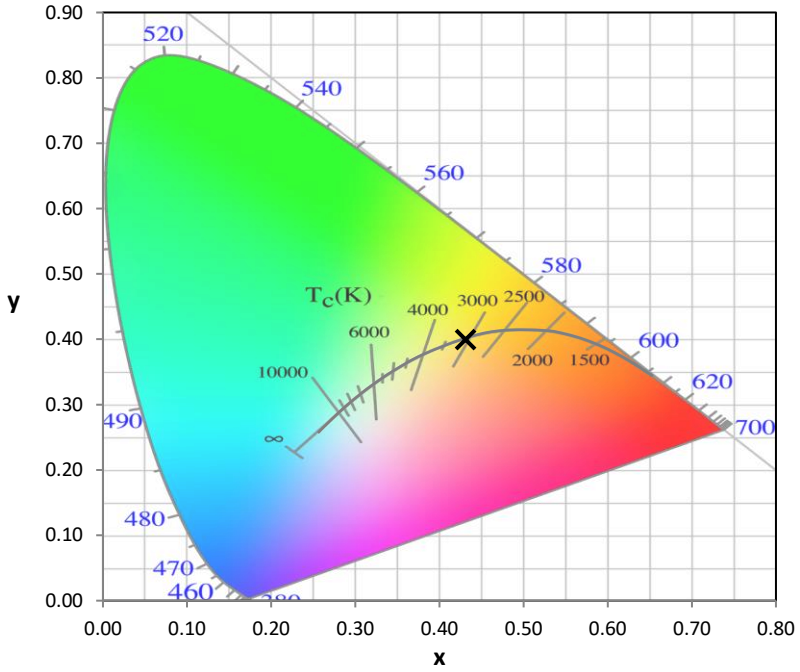
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

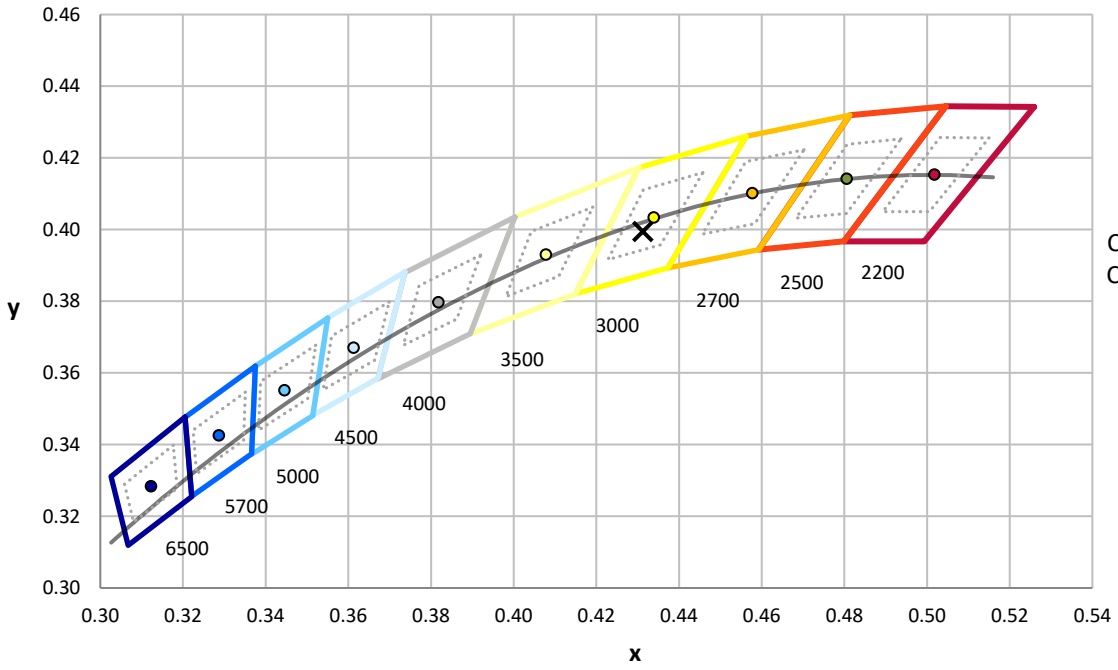
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2501-332-4

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

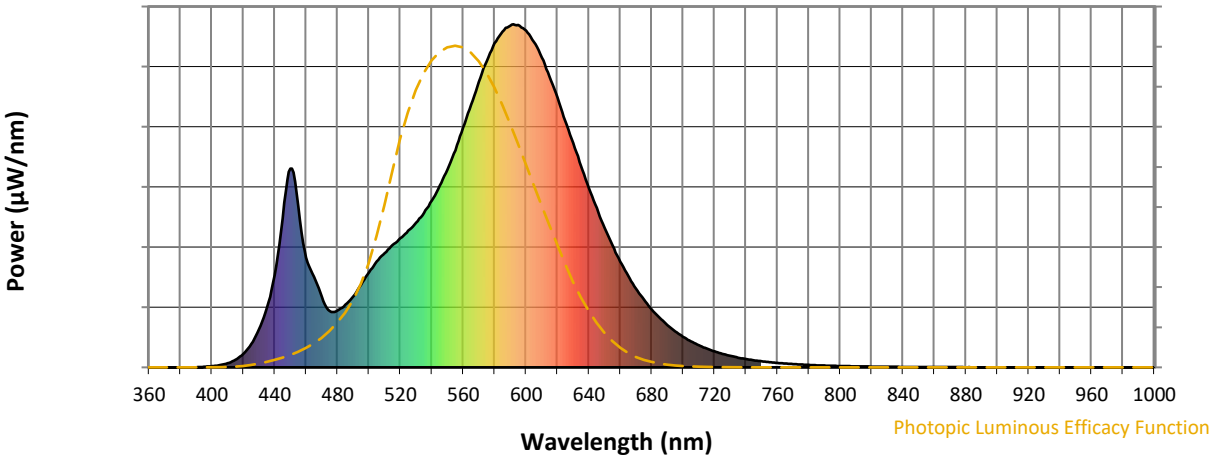


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

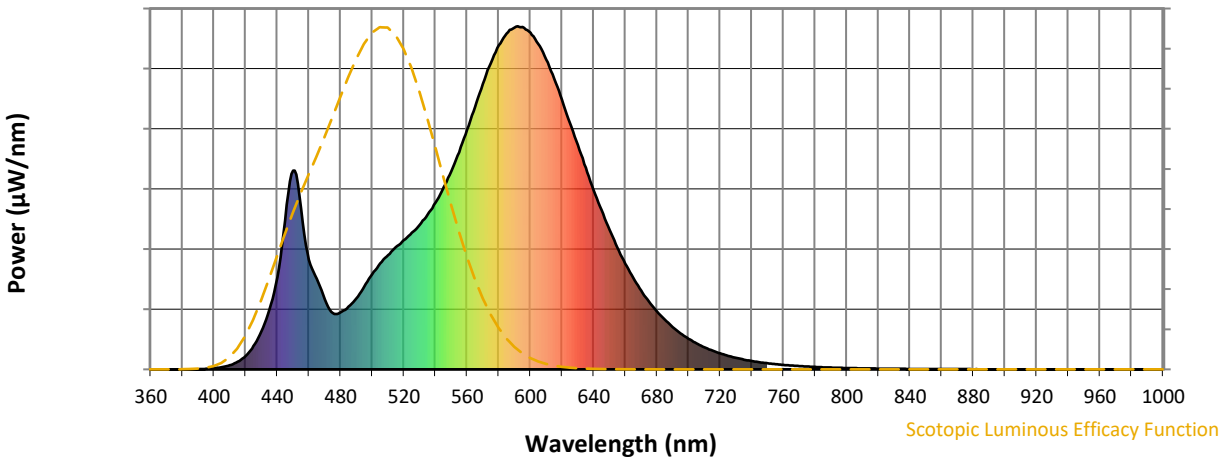


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

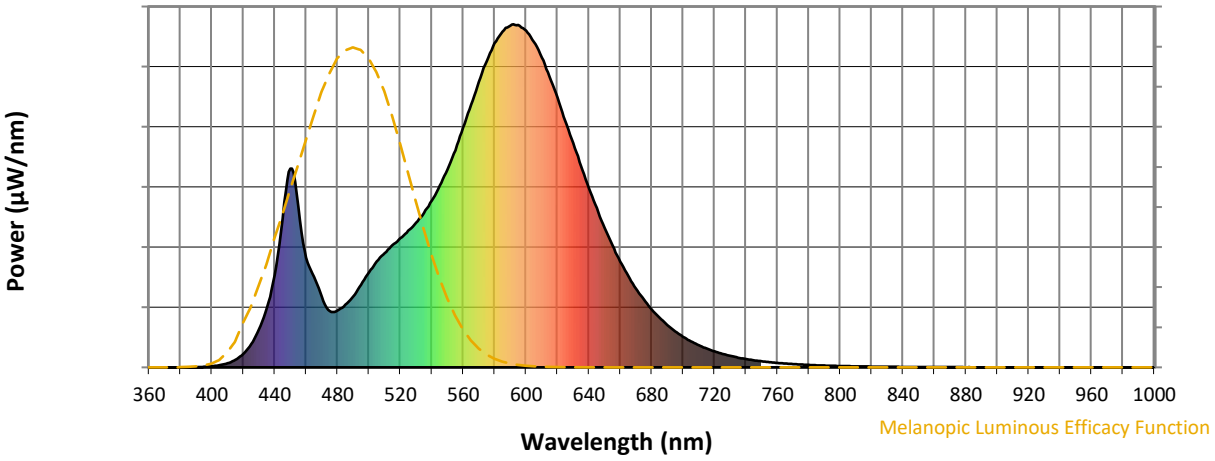


Scotopic Lumens: NR **S/P: 1.29**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.47**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

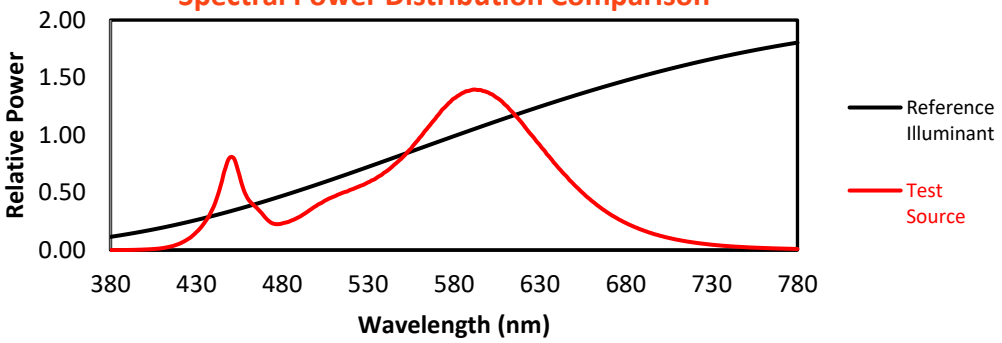
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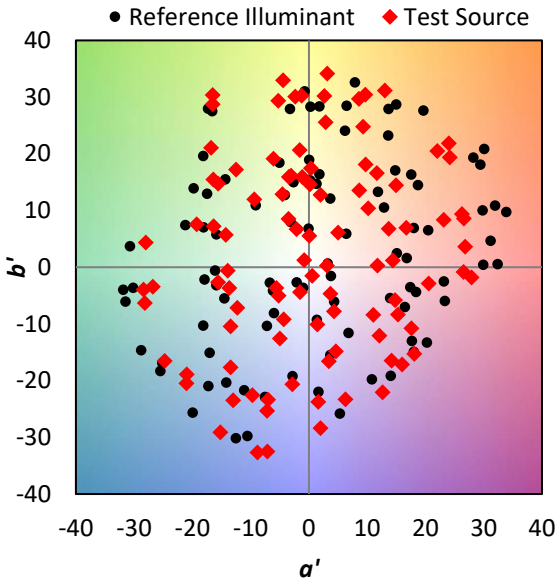
Summary

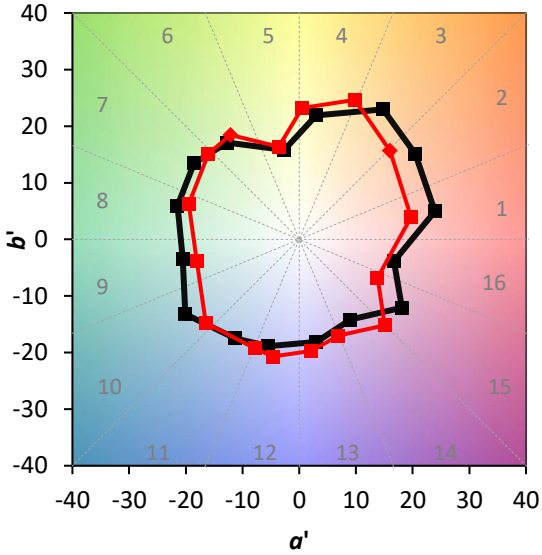
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

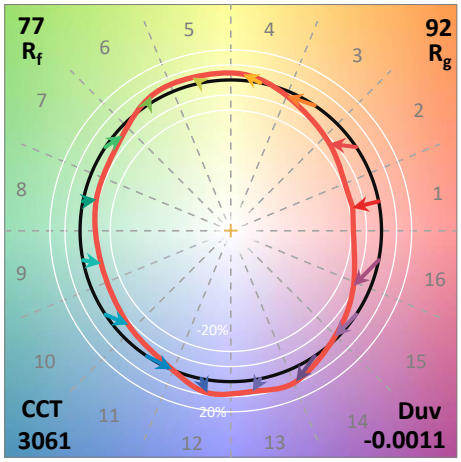
Spectral Power Distribution Comparison

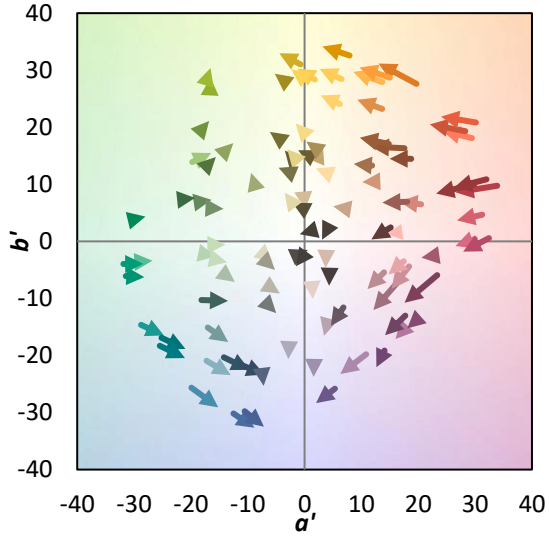


Color Vector Graphics







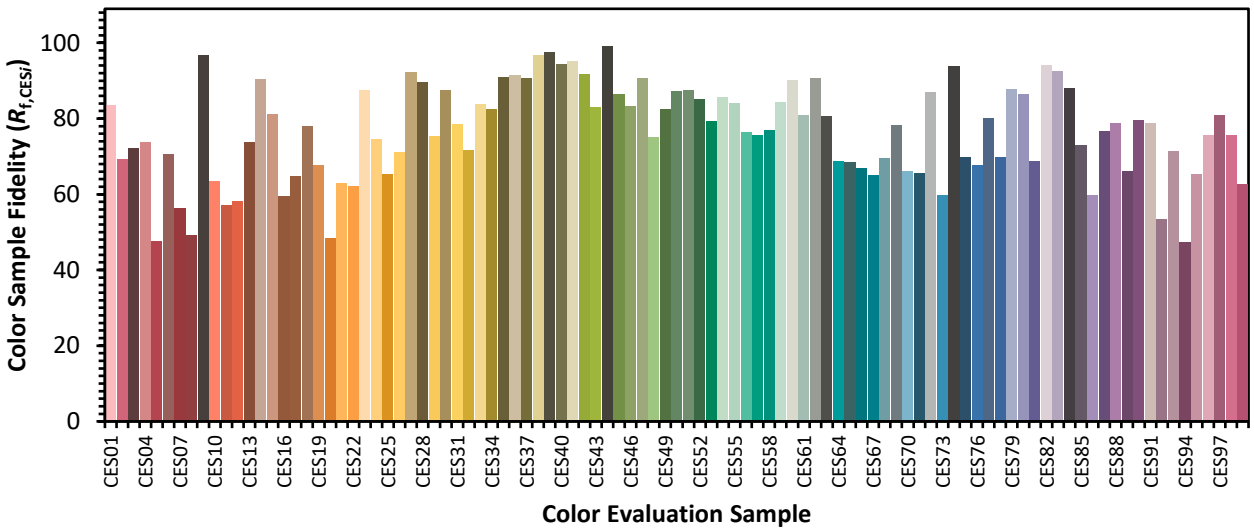


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Individual Sample Fidelity Index ($R_{f,i}$)

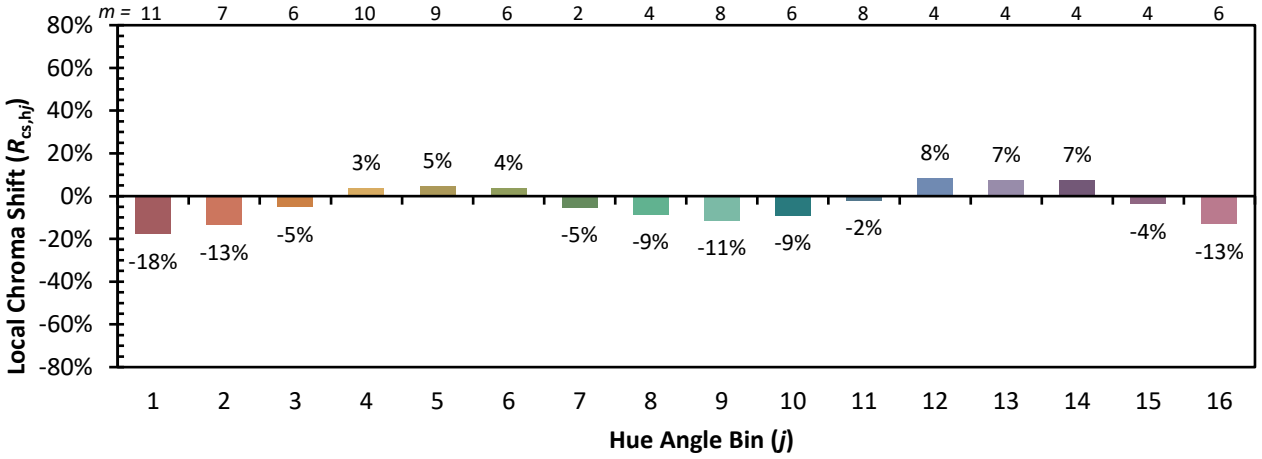
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 40	CES33 = 84	CES58 = 77	CES83 = 92
CES09 = 29	CES34 = 83	CES59 = 84	CES84 = 88
CES10 = 76	CES35 = 91	CES60 = 90	CES85 = 73
CES11 = 59	CES36 = 92	CES61 = 81	CES86 = 60
CES12 = 65	CES37 = 91	CES62 = 91	CES87 = 77
CES13 = 43	CES38 = 97	CES63 = 81	CES88 = 79
CES14 = 74	CES39 = 98	CES64 = 69	CES89 = 66
CES15 = 71	CES40 = 94	CES65 = 69	CES90 = 80
CES16 = 47	CES41 = 95	CES66 = 67	CES91 = 79
CES17 = 50	CES42 = 92	CES67 = 65	CES92 = 53
CES18 = 56	CES43 = 83	CES68 = 70	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 78	CES94 = 47
CES20 = 66	CES45 = 87	CES70 = 66	CES95 = 65
CES21 = 87	CES46 = 83	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 91	CES72 = 87	CES97 = 81
CES23 = 92	CES48 = 75	CES73 = 60	CES98 = 76
CES24 = 91	CES49 = 83	CES74 = 94	CES99 = 63
CES25 = 73	CES50 = 87	CES75 = 70	

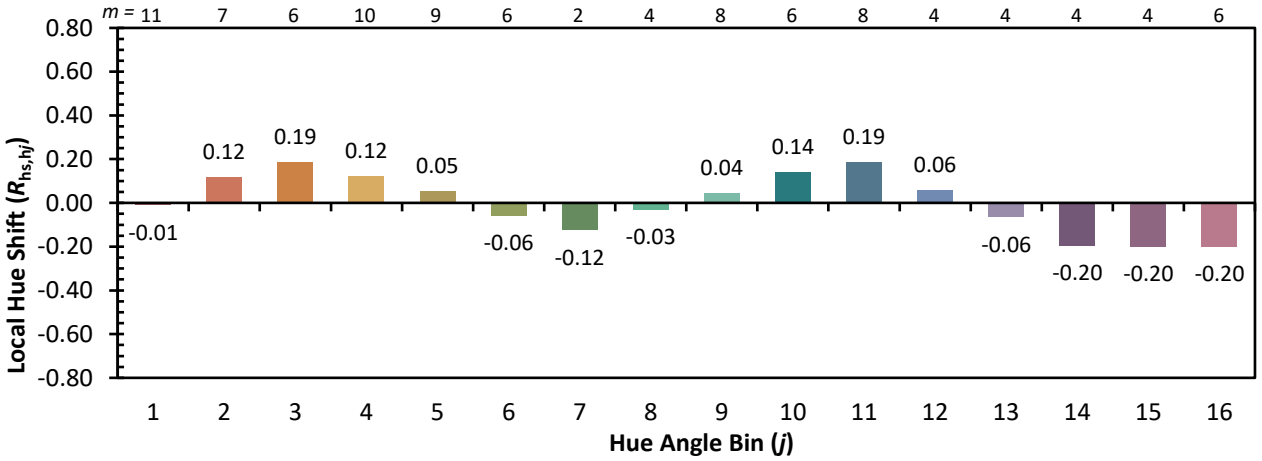


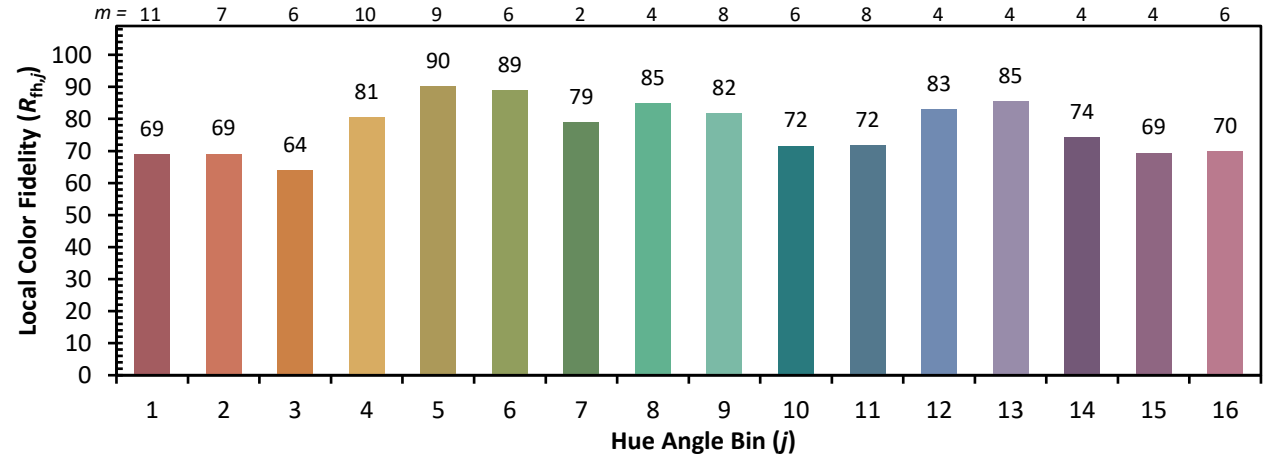
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Color Rendition by Hue-Angle Bin



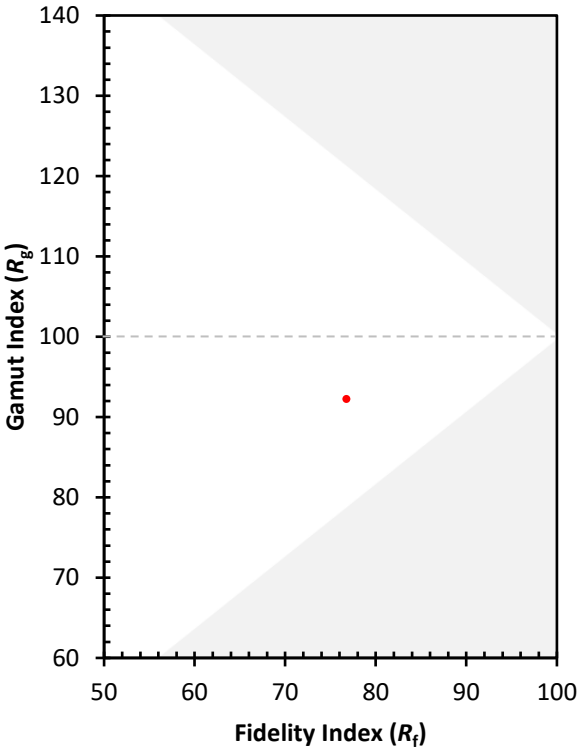


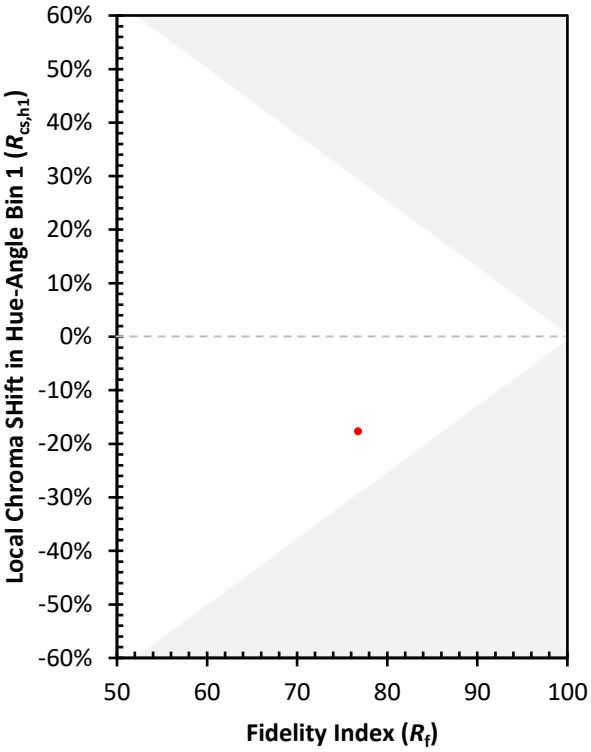


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Measure Comparisons





(END OF REPORT)